

2021 National Firearms Survey: Analysis of Magazine Ownership and Use

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Abstract

This report extends analysis of the 2021 National Firearms Survey to examine magazine ownership and use in greater detail, reporting the distribution of magazine ownership and the types of magazines owned by state. The underlying survey data comes from the national survey of firearms ownership and use, which was conducted between February 17th and March 23rd, 2021 by the professional survey firm Centiment. This survey randomly polled a representative sample of approximately fifty-four thousand U.S. residents aged 18 and over, identifying over 16,000 gun owners who were asked detailed questions about their ownership and use of firearms. Previous reports described summary statistics of responses to the main survey questions. This report focuses on analyzing the ownership and use of magazines in greater depth across states and demographic groups. It finds that 31.9% of firearm owners (~26 million individuals) have owned handgun magazines that hold 11-15 rounds, 21.6% (~18 million) have owned handgun magazines that hold 16+ rounds, 14.5% (~12 million) have owned handgun magazines that hold 21+ rounds, and 10.6% (~9 Million), have owned handgun magazines that hold 31+ rounds. With regard to rifle magazines, 22.2% of firearm owners (~18 million) have owned rifle magazines that hold 11-15 rounds, 24.8% (~20 million) have owned rifle magazines that hold 16+ rounds, 20.2% (~16 million) have owned rifle magazines that hold 21+ rounds, and 12.6% (~10 Million), have owned rifle magazines that hold 31+ rounds. Ownership rates and numbers are further broken down by state and demographic categories. Overall, approximately 48% of gun owners (39 million individuals) have owned magazines that hold more than 10 rounds, and 71% of such owners indicate that they have owned such magazines for defensive purposes (Home Defense or Defense Outside the Home).

1 Introduction

This report examines magazine ownership and use data from the 2021 National Firearms Survey with a focus on analyzing the distribution of magazine ownership and the types of magazines owned by state. The data analyzed comes from a survey conducted between February 17th and March 23rd, 2021 by the professional survey firm Centiment, which randomly polled a representative sample of approximately fifty-four thousand U.S. residents aged 18 and over, identifying over 16,000 gun owners who were asked detailed questions about their ownership and use of firearms. To date, this remains the largest representative survey of firearms owners in the United States. Critically, this survey did not rely on a convenience sample or respondent self-selection, but rather reflected a representative sample of U.S. residents 18 and older. Moreover, its measure of the firearm ownership rate matches other recent scientific surveys of firearms ownership, corroborating the validity of the survey. For example, Gallup polls conducted in 2020, 2021, and 2022 found personal firearm ownership rates among U.S. adults to be 32%, 31%, and 33% respectively, averaging 32% overall (Gallup, 2022), which matched the 2021 National Firearms Survey finding of 31.9%.¹ Due to its size, the 2021 National Firearms Survey achieved excellent representation across demographic groups and geographic areas, enabling more detailed analysis of ownership patterns by state than had previously been possible. Prior reports highlighted summary statistics from the survey's main questions and provided details regarding the survey's methodology (English, 2022). This report examines magazine ownership and use with a particular focus on the distribution of ownership across states and demographic groups.

2 Survey Questions on Magazine Ownership and Use

Survey respondents who indicated that they own a firearm were asked the following question: "Have you ever owned a handgun or rifle magazine that holds more than 10 rounds? (You can count magazines that you may keep in another state if there are local restrictions against ownership.)" Those answering in the affirmative were then asked: "What are the purposes

¹See <https://news.gallup.com/poll/1645/guns.aspx>

for which you have owned such magazines? (Check all that apply.)” The following response options were presented in a random order: Hunting, Recreational target shooting, Competitive shooting sports, Home defense, Defense outside the home (for example, concealed carry), and Other.

Respondents were then asked, “About how many handgun magazines of each type would you estimate you have owned?” and invited to enter a number for each of the following categories:

- Number of handgun magazines that hold up to 10 rounds
- Number of handgun magazines that hold 11 to 15 rounds
- Number of handgun magazines that hold 16 to 20 rounds
- Number of handgun magazines that hold 21 to 30 rounds
- Number of handgun magazines that hold 31 or more rounds

The identical question was then asked with regard to rifle magazines and the same categories:

- Number of rifle magazines that hold up to 10 rounds
- Number of rifle magazines that hold 11 to 15 rounds
- Number of rifle magazines that hold 16 to 20 rounds
- Number of rifle magazines that hold 21 to 30 rounds
- Number of rifle magazines that hold 31 or more rounds

Numerical responses were unbounded. Approximately 99.8% of respondents indicated owning fewer than 100 magazines of each type, and approximately 96.5% indicated owning fewer than 10 magazines of each type. In order to provide a conservative estimate of ownership rates and to ensure that estimates are not skewed by a small number of large outliers, we exclude the 0.2% of responses that indicated owning over 100 magazines in a category. Also, if a respondent did not answer the question by entering a particular number, the response was coded as zero. This characterized approximately 3% of respondents.

3 Results

Overall, 48.0% of gun owners (95% CI 47.2%-48.7%) indicated that they have owned a handgun or rifle magazine that holds more than 10 rounds. Based on 2020 Census data, this suggests that approximately 39 million adults in the U.S. have owned magazines that hold more than 10 rounds.

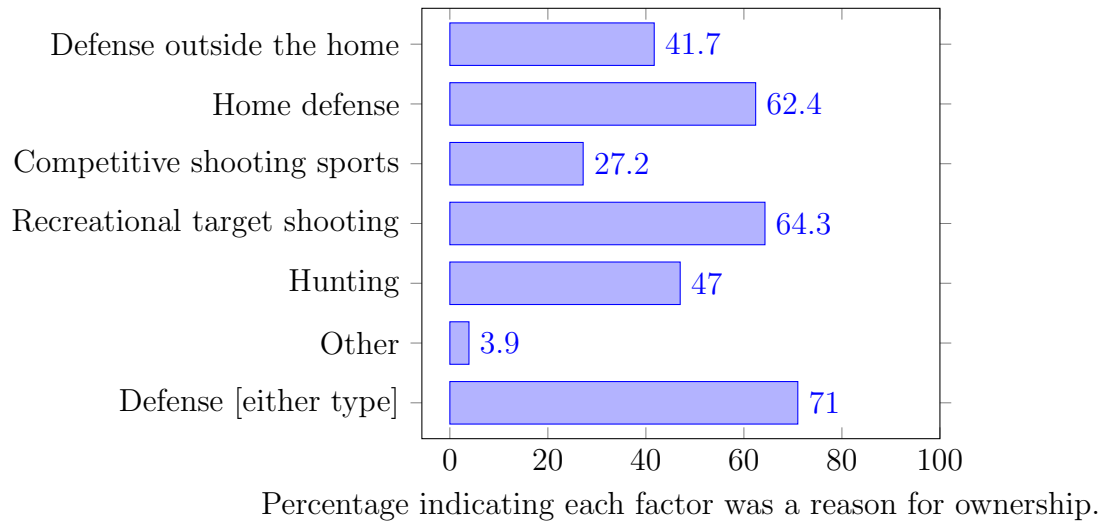


Figure 1: Purposes indicated for owning 11+ capacity magazines.

Figure 1 shows the percentage of respondents who indicated that they owned magazines that can hold more than 10 rounds for the following purposes: defense outside the home (41.7%), home defense (62.4%), competitive shooting sports (27.2%), recreational target shooting (64.3%), hunting (47.0%), and other (3.9%). Examining both forms of defensive use together (Home Defense or Defense Outside the Home), 71% of respondents indicate that they have owned such magazines for defensive purposes, making it the most common reason cited for ownership of 11+ round capacity magazines. Examining responses to this question for those who indicated having owned magazines that hold 16+ rounds, 75.6% of such owners indicate defensive purposes as a reason for ownership. 76.1% of those who have owned 21+ magazines indicate defensive purposes as a reason for ownership, and 76.6% of those who have owned 31+ magazines indicate defensive purposes as a reason for ownership.

Table 1 reports ownership rates of magazines of different capacities across demographic segments of firearms owners. Ownership of such magazines is common across those of differ-

Demographic Group	Owned 11+ rd mags	Owned 11-15 rd handgun mags	Owned 16+ rd handgun mags	Owned 11-15 rd rifle mags	Owned 16+ rd rifle mags
White	47.0%	31.3%	20.7%	21.9%	24.3%
Black	55.2%	35.0%	29.7%	23.6%	26.4%
Asian	50.0%	33.4%	22.2%	23.6%	24.7%
Native American	52.6%	36.9%	25.8%	25.3%	28.7%
Pacific Islander	59.1%	31.0%	32.4%	25.4%	36.6%
Other Ancestry	59.6%	40.4%	27.9%	27.9%	32.9%
Hispanic	61.6%	38.3%	31.0%	26.6%	29.9%
Male	57.7%	39.1%	27.2%	27.4%	33.1%
Female	34.1%	21.6%	13.8%	14.9%	13.1%

Table 1: Magazine ownership rates among different firearms owner demographics. Percentages indicate the proportion of firearms owners of each type that own such magazines.

ent ethnic ancestries, ranging from 47% of White firearms owners indicating that they have owned 11+ capacity magazines to 61.6% of Hispanic firearms owners indicating ownership of such magazines. Roughly a third of female firearms owners indicate having owned such magazines, while almost two-thirds of male firearms owners indicate having owned them.

Table 2 breaks down ownership rates across U.S. states,² accompanied by 95% confidence intervals and estimates of the number of individual owners in each category. Ownership numbers were calculated based on 2020 Census data. Note that earlier reports examining this survey data used 2019 Census data because it was the most current available at the time and provided general estimates that were rounded. This explains small discrepancies between those results and this analysis, which uses more recent population data and reports estimates to additional significant digits. Also, note that the wording of the underlying magazine questions asked respondents to indicate if they have ever owned the kinds of magazines in

²Vermont is not included in this survey data, as it was the subject of the pilot survey, which was collected and analyzed separately.

State	% gun owners who have owned 11+ rd magazines	95% Confidence Interval	Estimated # of owners
Alabama	48.1%	42.7% – 53.6%	730,889
Alaska	52.7%	39.6% – 65.4%	97,287
Arizona	47.5%	42.3% – 52.8%	877,932
Arkansas	50.7%	44.1% – 57.3%	432,435
California	53.8%	51.0% – 56.5%	4,191,788
Colorado	51.4%	45.3% – 57.4%	786,385
Connecticut	42.6%	34.4% – 51.3%	244,425
Delaware	50.6%	39.8% – 61.5%	97,819
District of Columbia	69.2%	49.5% – 83.8%	96,502
Florida	46.9%	43.9% – 49.8%	2,483,223
Georgia	52.4%	48.7% – 56.2%	1,597,423
Hawaii	59.3%	40.3% – 75.8%	107,991
Idaho	45.4%	36.7% – 54.4%	340,268
Illinois	51.5%	47.3% – 55.6%	1,337,716
Indiana	46.5%	41.8% – 51.2%	971,512
Iowa	35.4%	28.0% – 43.6%	286,668
Kansas	42.2%	35.4% – 49.4%	400,873
Kentucky	43.7%	38.5% – 49.0%	709,162
Louisiana	47.4%	41.1% – 53.8%	554,269
Maine	37.9%	28.7% – 48.0%	149,915
Maryland	50.8%	43.7% – 57.8%	520,371
Massachusetts	53.3%	45.7% – 60.8%	467,853
Michigan	37.1%	33.2% – 41.1%	1,008,257
Minnesota	39.8%	34.0% – 46.0%	564,040
Mississippi	44.6%	37.3% – 52.2%	400,934
Missouri	50.6%	45.8% – 55.5%	960,510
Montana	52.6%	39.8% – 65.1%	216,754
Nebraska	45.5%	35.9% – 55.3%	247,302
Nevada	61.0%	52.8% – 68.5%	565,368
New Hampshire	43.9%	31.6% – 56.9%	117,661
New Jersey	52.2%	46.5% – 57.8%	699,423
New Mexico	49.2%	36.9% – 61.5%	271,590
New York	54.9%	51.8% – 58.0%	1,913,109
North Carolina	43.9%	39.9% – 47.9%	1,358,135
North Dakota	44.4%	24.0% – 67.0%	110,510
Ohio	42.0%	38.4% – 45.7%	1,291,226
Oklahoma	47.5%	41.7% – 53.4%	582,149
Oregon	49.8%	42.9% – 56.6%	644,189
Pennsylvania	39.6%	36.0% – 43.2%	1,218,592
Rhode Island	55.3%	39.5% – 70.1%	79,878
South Carolina	42.8%	37.7% – 48.0%	713,799
South Dakota	50.0%	40.2% – 59.8%	132,151
Tennessee	44.1%	39.5% – 48.7%	1,017,875
Texas	54.1%	51.3% – 56.8%	4,266,955
Utah	46.8%	38.2% – 55.6%	464,570
Virginia	47.5%	42.7% – 52.4%	977,863
Washington	53.1%	47.8% – 58.4%	1,050,164
West Virginia	44.8%	37.7% – 52.1%	338,820
Wisconsin	33.6%	28.5% – 39.0%	511,036
Wyoming	63.0%	51.4% – 73.3%	120,876
Overall Proportion	48.0%	47.2% – 48.7%	Total 39,326,441

Table 2: Percent of gun owners who have indicated that they have ever owned magazines that hold over 10 rounds by state. Note that this includes magazines that an owner holds in other states if there are local ownership restrictions.

question, including magazines kept in another state if there are local restrictions against ownership. This presumably explains why residents in states that have restrictions on the ownership of such magazines report having owned them at modest rates. These magazines may have been sold or simply held in other jurisdictions.

Table 3, Table 4, Table 5, Table 6 report the state by state breakdown of firearms owners who indicated having owned handgun magazines that hold 11-15 rounds, 16+ rounds, 21+ rounds, and 31+ rounds respectively. Table 7, Table 8, Table 9, and Table 10 report the same analysis for the same categories of rifle magazines.

The magazine ownership rates reported in these tables indicate the percentage of firearms owners in a given state who have own such magazines. The total number of owners is thus a function both of the magazine ownership rate and the firearms ownership rate. Note that some states with relatively low rates of firearms ownership (e.g. New York, Hawaii, D.C.) have relatively high rates of 11+ round magazine ownership. This implies that, while the proportion of those who own guns in these jurisdictions is smaller than the national average, those who do own guns in these states are more likely to be the types of gun owners who have owned 11+ round magazines.

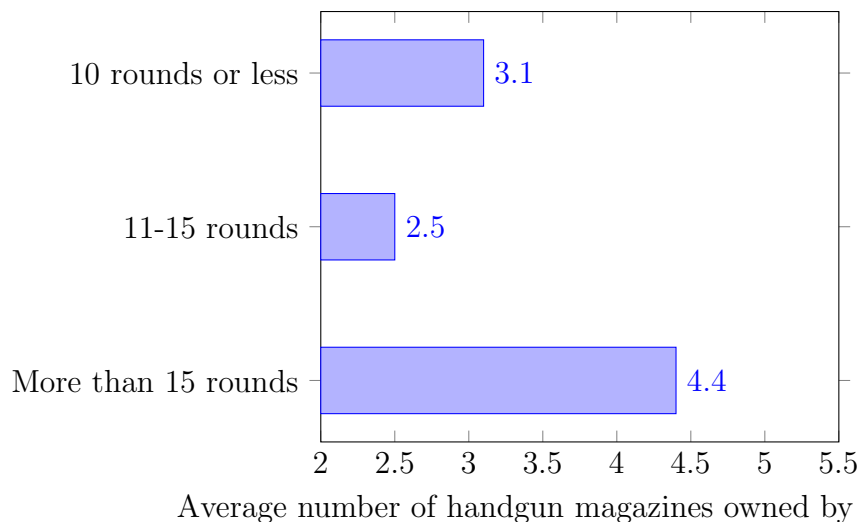


Figure 2: Among the 48.0% of gun owners who have owned 11+ round magazines, average number of handgun magazines of different types owned.

Figure 2 shows the average number of handgun magazines of each type reported to

State	Owned 11-15 rd handgun mags	95% Confidence Interval	Estimated # of owners
Alabama	31.4%	26.5% – 36.6%	476,257
Alaska	36.4%	24.8% – 49.8%	67,095
Arizona	34.3%	29.5% – 39.5%	634,062
Arkansas	30.9%	25.1% – 37.3%	263,392
California	34.8%	32.3% – 37.5%	2,716,328
Colorado	34.8%	29.2% – 40.8%	532,140
Connecticut	23.3%	16.8% – 31.3%	133,323
Delaware	32.9%	23.5% – 44.0%	63,582
District of Columbia	38.5%	22.1% – 57.9%	53,612
Florida	32.3%	29.6% – 35.1%	1,711,410
Georgia	36.7%	33.2% – 40.5%	1,119,099
Hawaii	40.7%	24.2% – 59.7%	74,244
Idaho	31.9%	24.2% – 40.8%	239,448
Illinois	35.8%	31.9% – 39.9%	929,760
Indiana	31.1%	26.9% – 35.7%	650,963
Iowa	22.2%	16.2% – 29.7%	179,870
Kansas	26.7%	20.9% – 33.5%	253,717
Kentucky	29.0%	24.5% – 34.1%	471,188
Louisiana	33.2%	27.4% – 39.5%	387,989
Maine	20.0%	13.1% – 29.2%	79,122
Maryland	35.6%	29.1% – 42.6%	364,796
Massachusetts	34.6%	27.7% – 42.1%	303,041
Michigan	23.8%	20.5% – 27.4%	646,806
Minnesota	26.3%	21.2% – 32.1%	372,266
Mississippi	27.4%	21.2% – 34.6%	245,906
Missouri	31.5%	27.1% – 36.1%	596,822
Montana	26.3%	16.5% – 39.2%	108,377
Nebraska	22.2%	15.1% – 31.5%	120,903
Nevada	45.2%	37.3% – 53.3%	419,262
New Hampshire	33.3%	22.4% – 46.5%	89,422
New Jersey	37.9%	32.6% – 43.5%	507,861
New Mexico	32.8%	22.2% – 45.4%	181,060
New York	39.0%	36.0% – 42.0%	1,358,028
North Carolina	27.6%	24.2% – 31.4%	854,733
North Dakota	27.8%	12.1% – 51.9%	69,069
Ohio	26.3%	23.1% – 29.7%	807,571
Oklahoma	31.3%	26.1% – 37.0%	383,689
Oregon	30.9%	24.9% – 37.6%	399,397
Pennsylvania	26.5%	23.4% – 29.9%	816,762
Rhode Island	34.2%	21.0% – 50.4%	49,448
South Carolina	27.8%	23.3% – 32.7%	463,005
South Dakota	42.9%	33.5% – 52.8%	113,272
Tennessee	28.6%	24.7% – 33.0%	661,619
Texas	36.3%	33.6% – 39.0%	2,863,857
Utah	29.0%	21.7% – 37.6%	288,354
Virginia	30.2%	25.9% – 34.9%	621,351
Washington	37.4%	32.4% – 42.7%	739,221
West Virginia	26.5%	20.6% – 33.4%	200,782
Wisconsin	20.2%	16.1% – 25.1%	307,614
Wyoming	39.7%	29.2% – 51.3%	76,204
Overall Proportion	31.9%	31.2% - 32.6%	Total 26,067,100

Table 3: Percent of gun owners who indicated that they have ever owned handgun magazines that hold between 11 - 15 rounds by state. Note that this includes magazines that an owner holds in other states if there are local ownership restrictions

State	Owned 16+ rd handgun mags	95% Confidence Interval	Estimated # of owners
Alabama	17.7%	13.9% – 22.3%	268,778
Alaska	18.2%	10.1% – 30.6%	33,547
Arizona	22.3%	18.2% – 27.0%	411,869
Arkansas	22.1%	17.1% – 28.1%	188,699
California	25.3%	23.0% – 27.8%	1,975,511
Colorado	21.2%	16.7% – 26.6%	325,197
Connecticut	17.1%	11.5% – 24.6%	97,770
Delaware	11.4%	6.0% – 20.5%	22,009
District of Columbia	23.1%	10.8% – 42.8%	32,167
Florida	22.3%	19.9% – 24.8%	1,179,291
Georgia	26.1%	22.9% – 29.5%	794,199
Hawaii	29.6%	15.6% – 49.0%	53,996
Idaho	18.5%	12.5% – 26.5%	138,628
Illinois	23.0%	19.7% – 26.7%	597,703
Indiana	22.4%	18.7% – 26.6%	468,496
Iowa	12.5%	8.0% – 19.0%	101,177
Kansas	19.3%	14.2% – 25.5%	182,676
Kentucky	20.8%	16.8% – 25.5%	337,923
Louisiana	19.8%	15.2% – 25.5%	231,785
Maine	11.6%	6.5% – 19.7%	45,807
Maryland	23.6%	18.1% – 30.1%	241,409
Massachusetts	24.9%	18.9% – 32.0%	217,977
Michigan	17.0%	14.1% – 20.3%	461,325
Minnesota	18.3%	14.0% – 23.6%	259,458
Mississippi	20.8%	15.4% – 27.6%	187,103
Missouri	17.0%	13.6% – 20.9%	321,724
Montana	12.3%	6.0% – 23.6%	50,576
Nebraska	13.1%	7.8% – 21.3%	71,443
Nevada	24.7%	18.3% – 32.3%	228,688
New Hampshire	22.8%	13.7% – 35.4%	61,184
New Jersey	24.3%	19.7% – 29.4%	325,209
New Mexico	24.6%	15.4% – 36.9%	135,795
New York	30.3%	27.5% – 33.2%	1,054,304
North Carolina	19.0%	16.0% – 22.4%	587,301
North Dakota	16.7%	5.5% – 40.9%	41,441
Ohio	17.6%	15.0% – 20.6%	541,339
Oklahoma	21.2%	16.8% – 26.4%	260,203
Oregon	17.4%	12.8% – 23.3%	225,466
Pennsylvania	16.5%	13.9% – 19.4%	506,655
Rhode Island	29.0%	16.8% – 45.1%	41,841
South Carolina	19.9%	16.1% – 24.5%	332,785
South Dakota	19.4%	12.7% – 28.4%	51,242
Tennessee	17.8%	14.6% – 21.6%	412,239
Texas	26.0%	23.6% – 28.5%	2,050,189
Utah	19.4%	13.3% – 27.3%	192,236
Virginia	23.0%	19.2% – 27.4%	473,653
Washington	24.6%	20.3% – 29.5%	486,948
West Virginia	15.5%	10.9% – 21.5%	117,123
Wisconsin	14.0%	10.6% – 18.4%	213,345
Wyoming	34.3%	24.3% – 45.8%	65,693
Overall Proportion	21.6%	21.0% – 22.3%	Total 17,703,123

Table 4: Percent of gun owners who indicated that they have ever owned handgun magazines that hold more than 15 rounds by state. Note that this includes magazines that an owner holds in other states if there are local ownership restrictions.

State	Owned 21+ rd handgun mags	95% Confidence Interval	Estimated # of owners
Alabama	13.0%	9.8% – 17.2%	198,047
Alaska	16.4%	8.7% – 28.6%	30,193
Arizona	14.7%	11.3% – 18.8%	270,967
Arkansas	15.7%	11.4% – 21.1%	133,662
California	20.1%	18.0% – 22.4%	1,568,062
Colorado	15.8%	11.9% – 20.8%	242,420
Connecticut	10.9%	6.5% – 17.5%	62,217
Delaware	10.1%	5.2% – 19.0%	19,564
District of Columbia	11.5%	3.8% – 30.3%	16,084
Florida	13.6%	11.7% – 15.7%	719,080
Georgia	18.4%	15.6% – 21.5%	559,550
Hawaii	25.9%	12.9% – 45.3%	47,246
Idaho	10.9%	6.5% – 17.9%	81,916
Illinois	14.6%	11.9% – 17.8%	379,494
Indiana	14.9%	11.8% – 18.6%	310,687
Iowa	6.9%	3.8% – 12.4%	56,209
Kansas	9.1%	5.7% – 14.1%	86,264
Kentucky	12.6%	9.5% – 16.6%	204,657
Louisiana	11.2%	7.7% – 16.0%	131,009
Maine	4.2%	1.6% – 10.7%	16,657
Maryland	16.2%	11.7% – 22.2%	166,304
Massachusetts	16.4%	11.5% – 22.8%	143,546
Michigan	10.3%	8.1% – 13.1%	280,600
Minnesota	10.8%	7.5% – 15.2%	152,291
Mississippi	16.7%	11.8% – 23.1%	149,682
Missouri	10.6%	7.9% – 13.9%	200,495
Montana	8.8%	3.7% – 19.4%	36,126
Nebraska	7.1%	3.4% – 14.1%	38,469
Nevada	15.8%	10.7% – 22.6%	146,106
New Hampshire	14.0%	7.2% – 25.6%	37,652
New Jersey	16.3%	12.5% – 20.9%	218,291
New Mexico	13.1%	6.7% – 24.1%	72,424
New York	24.7%	22.1% – 27.4%	858,804
North Carolina	11.5%	9.2% – 14.4%	356,576
North Dakota	11.1%	2.8% – 35.2%	27,628
Ohio	10.3%	8.2% – 12.7%	315,041
Oklahoma	12.2%	8.9% – 16.6%	149,948
Oregon	10.0%	6.5% – 14.9%	128,838
Pennsylvania	11.2%	9.1% – 13.8%	345,049
Rhode Island	23.7%	12.8% – 39.6%	34,234
South Carolina	13.6%	10.4% – 17.6%	226,680
South Dakota	16.3%	10.3% – 25.0%	43,151
Tennessee	9.7%	7.3% – 12.8%	223,932
Texas	17.4%	15.4% – 19.6%	1,371,064
Utah	11.3%	6.8% – 18.2%	112,137
Virginia	13.6%	10.6% – 17.3%	280,117
Washington	17.2%	13.5% – 21.6%	340,277
West Virginia	8.8%	5.5% – 13.9%	66,927
Wisconsin	9.1%	6.4% – 12.9%	138,922
Wyoming	27.4%	18.4% – 38.7%	52,555
Overall Proportion	14.5%	14.0% - 15.1%	Total 11,847,849

Table 5: Percent of gun owners who indicated that they have ever owned handgun magazines that holds more than 20 rounds by state. Note that this includes magazines that an owner holds in other states if there are local ownership restrictions.

State	Owned 31+ rd handgun mags	95% Confidence Interval	Estimated # of owners
Alabama	9.6%	6.9% – 13.4%	146,178
Alaska	14.6%	7.4% – 26.5%	26,838
Arizona	11.1%	8.2% – 15.0%	205,935
Arkansas	11.1%	7.5% – 16.0%	94,349
California	15.9%	14.0% – 18.0%	1,240,868
Colorado	12.4%	8.9% – 17.0%	189,205
Connecticut	7.8%	4.2% – 13.8%	44,441
Delaware	6.3%	2.7% – 14.3%	12,227
District of Columbia	11.5%	3.8% – 30.3%	16,084
Florida	10.2%	8.6% – 12.2%	541,707
Georgia	14.1%	11.7% – 16.9%	428,687
Hawaii	25.9%	12.9% – 45.3%	47,246
Idaho	8.4%	4.6% – 14.9%	63,013
Illinois	10.8%	8.4% – 13.7%	279,877
Indiana	11.1%	8.4% – 14.4%	231,782
Iowa	3.5%	1.5% – 8.1%	28,105
Kansas	6.4%	3.7% – 11.0%	60,892
Kentucky	8.5%	6.0% – 12.0%	138,025
Louisiana	7.8%	4.9% – 12.0%	90,699
Maine	3.2%	1.0% – 9.3%	12,493
Maryland	12.0%	8.1% – 17.5%	123,387
Massachusetts	12.1%	8.0% – 18.0%	106,330
Michigan	7.0%	5.2% – 9.4%	190,237
Minnesota	8.0%	5.2% – 12.0%	112,808
Mississippi	10.1%	6.4% – 15.7%	90,878
Missouri	7.4%	5.2% – 10.4%	139,880
Montana	3.5%	.9% – 13.0%	14,450
Nebraska	5.1%	2.1% – 11.6%	27,478
Nevada	12.3%	7.9% – 18.7%	114,344
New Hampshire	8.8%	3.7% – 19.4%	23,532
New Jersey	13.6%	10.2% – 18.0%	182,652
New Mexico	4.9%	1.6% – 14.2%	27,159
New York	19.9%	17.6% – 22.5%	694,724
North Carolina	6.4%	4.7% – 8.7%	199,263
North Dakota	5.6%	.8% – 30.7%	13,814
Ohio	6.6%	5.0% – 8.8%	204,111
Oklahoma	7.6%	5.0% – 11.3%	92,615
Oregon	7.5%	4.6% – 12.0%	96,628
Pennsylvania	7.8%	6.0% – 10.0%	240,224
Rhode Island	21.1%	10.9% – 36.8%	30,430
South Carolina	8.1%	5.7% – 11.5%	135,043
South Dakota	12.2%	7.1% – 20.3%	32,363
Tennessee	7.5%	5.4% – 10.3%	173,039
Texas	13.1%	11.3% – 15.1%	1,031,501
Utah	4.0%	1.7% – 9.3%	40,049
Virginia	8.7%	6.3% – 11.8%	178,256
Washington	11.6%	8.6% – 15.5%	228,807
West Virginia	5.5%	3.0% – 10.0%	41,830
Wisconsin	6.2%	4.0% – 9.5%	94,269
Wyoming	17.8%	10.6% – 28.3%	34,160
Overall Proportion	10.6%	10.1% - 11.1%	Total 8,612,912

Table 6: Percent of gun owners who indicated that they have ever owned handgun magazines that holds more than 30 rounds by state. Note that this includes magazines that an owner holds in other states if there are local ownership restrictions.

State	Owned 11-15 rd rifle mags	95% Confidence Interval	Estimated # of owners
Alabama	22.1%	17.9% – 26.9%	334,794
Alaska	23.6%	14.3% – 36.6%	43,612
Arizona	22.6%	18.5% – 27.3%	417,289
Arkansas	22.1%	17.1% – 28.1%	188,699
California	26.8%	24.5% – 29.4%	2,092,807
Colorado	22.8%	18.1% – 28.3%	348,848
Connecticut	15.5%	10.2% – 22.8%	88,882
Delaware	16.5%	9.8% – 26.3%	31,791
District of Columbia	30.8%	16.2% – 50.6%	42,890
Florida	20.5%	18.2% – 22.9%	1,083,414
Georgia	26.7%	23.5% – 30.1%	812,249
Hawaii	37.0%	21.2% – 56.2%	67,494
Idaho	18.5%	12.5% – 26.5%	138,628
Illinois	22.6%	19.3% – 26.3%	588,216
Indiana	20.1%	16.5% – 24.1%	419,181
Iowa	16.7%	11.4% – 23.7%	134,903
Kansas	17.7%	12.8% – 23.8%	167,453
Kentucky	19.7%	15.8% – 24.2%	318,885
Louisiana	22.4%	17.5% – 28.2%	262,018
Maine	12.6%	7.3% – 20.9%	49,972
Maryland	23.6%	18.1% – 30.1%	241,409
Massachusetts	23.6%	17.8% – 30.7%	207,344
Michigan	16.8%	13.9% – 20.1%	456,569
Minnesota	18.3%	14.0% – 23.6%	259,458
Mississippi	17.9%	12.8% – 24.4%	160,374
Missouri	23.3%	19.5% – 27.7%	442,954
Montana	15.8%	8.4% – 27.7%	65,026
Nebraska	19.2%	12.6% – 28.1%	104,416
Nevada	22.6%	16.5% – 30.1%	209,631
New Hampshire	19.3%	11.0% – 31.6%	51,771
New Jersey	27.6%	22.8% – 32.9%	369,759
New Mexico	19.7%	11.5% – 31.5%	108,636
New York	31.8%	29.0% – 34.7%	1,106,671
North Carolina	18.5%	15.6% – 21.8%	571,570
North Dakota	22.2%	8.6% – 46.5%	55,255
Ohio	17.3%	14.7% – 20.3%	532,465
Oklahoma	23.7%	19.1% – 29.1%	291,075
Oregon	21.9%	16.7% – 28.1%	283,443
Pennsylvania	17.7%	15.1% – 20.7%	545,964
Rhode Island	21.1%	10.9% – 36.8%	30,430
South Carolina	19.4%	15.5% – 23.9%	323,139
South Dakota	25.5%	17.9% – 35.0%	67,424
Tennessee	20.5%	17.0% – 24.5%	473,312
Texas	25.5%	23.1% – 28.0%	2,011,747
Utah	15.3%	10.0% – 22.8%	152,187
Virginia	20.3%	16.7% – 24.5%	417,629
Washington	25.8%	21.4% – 30.8%	510,415
West Virginia	21.0%	15.7% – 27.5%	158,952
Wisconsin	13.0%	9.7% – 17.3%	198,461
Wyoming	32.9%	23.1% – 44.4%	63,065
Overall Proportion	22.2%	21.6% – 22.8%	Total 18,102,573

Table 7: Percent of gun owners who indicated that they have ever owned rifle magazines that hold between 11 - 15 rounds by state. Note that this includes magazines that an owner holds in other states if there are local ownership restrictions.

State	Owned 16+ rd rifle mags	95% Confidence Interval	Estimated # of owners
Alabama	25.2%	20.7% – 30.2%	381,948
Alaska	21.8%	12.8% – 34.6%	40,257
Arizona	24.1%	19.8% – 28.9%	444,385
Arkansas	24.9%	19.6% – 31.1%	212,286
California	29.8%	27.3% – 32.4%	2,321,226
Colorado	26.6%	21.6% – 32.4%	407,974
Connecticut	17.1%	11.5% – 24.6%	97,770
Delaware	19.0%	11.8% – 29.1%	36,682
District of Columbia	23.1%	10.8% – 42.8%	32,167
Florida	24.2%	21.7% – 26.8%	1,279,962
Georgia	27.9%	24.6% – 31.4%	848,349
Hawaii	37.0%	21.2% – 56.2%	67,494
Idaho	20.2%	13.9% – 28.3%	151,230
Illinois	25.2%	21.7% – 29.0%	654,627
Indiana	21.9%	18.3% – 26.1%	458,633
Iowa	16.7%	11.4% – 23.7%	134,903
Kansas	20.9%	15.6% – 27.3%	197,899
Kentucky	23.5%	19.3% – 28.3%	380,758
Louisiana	20.7%	16.0% – 26.4%	241,863
Maine	14.7%	8.9% – 23.4%	58,300
Maryland	27.2%	21.4% – 34.0%	278,962
Massachusetts	29.1%	22.7% – 36.5%	255,192
Michigan	18.7%	15.7% – 22.1%	508,884
Minnesota	19.9%	15.4% – 25.3%	282,020
Mississippi	23.2%	17.4% – 30.2%	208,486
Missouri	22.4%	18.6% – 26.7%	424,303
Montana	24.6%	15.1% – 37.3%	101,152
Nebraska	18.2%	11.8% – 27.0%	98,921
Nevada	32.9%	25.8% – 40.9%	304,918
New Hampshire	24.6%	15.1% – 37.3%	65,890
New Jersey	28.2%	23.4% – 33.6%	378,669
New Mexico	23.0%	14.1% – 35.1%	126,742
New York	34.5%	31.6% – 37.5%	1,200,930
North Carolina	21.9%	18.7% – 25.4%	676,445
North Dakota	16.7%	5.5% – 40.9%	41,441
Ohio	19.6%	16.8% – 22.8%	603,460
Oklahoma	24.1%	19.4% – 29.5%	295,485
Oregon	24.4%	18.9% – 30.8%	315,652
Pennsylvania	20.0%	17.2% – 23.1%	615,847
Rhode Island	23.7%	12.8% – 39.6%	34,234
South Carolina	21.1%	17.1% – 25.7%	352,077
South Dakota	32.7%	24.1% – 42.5%	86,302
Tennessee	22.7%	19.1% – 26.8%	524,206
Texas	27.9%	25.5% – 30.5%	2,203,953
Utah	20.2%	14.0% – 28.1%	200,246
Virginia	25.5%	21.5% – 30.0%	524,583
Washington	32.3%	27.6% – 37.5%	639,485
West Virginia	18.2%	13.3% – 24.5%	138,038
Wisconsin	15.0%	11.4% – 19.4%	228,230
Wyoming	42.5%	31.7% – 54.0%	81,460
Overall Proportion	24.8%	24.1% – 25.4%	Total 20,244,926

Table 8: Percent of gun owners who indicated that they have ever owned rifle magazines that hold more than 15 rounds by state. Note that this includes magazines that an owner holds in other states if there are local ownership restrictions.

State	Owned 21+ rd rifle mags	95% Confidence Interval	Estimated # of owners
Alabama	20.2%	16.2% – 24.9%	306,502
Alaska	18.2%	10.1% – 30.6%	33,547
Arizona	20.2%	16.3% – 24.8%	373,934
Arkansas	19.4%	14.6% – 25.2%	165,111
California	25.2%	22.9% – 27.7%	1,963,164
Colorado	22.0%	17.4% – 27.5%	337,022
Connecticut	14.7%	9.6% – 21.9%	84,438
Delaware	13.9%	7.9% – 23.4%	26,900
District of Columbia	19.2%	8.2% – 38.7%	26,806
Florida	19.2%	17.0% – 21.6%	1,016,300
Georgia	24.2%	21.1% – 27.5%	735,537
Hawaii	29.6%	15.6% – 49.0%	53,996
Idaho	18.5%	12.5% – 26.5%	138,628
Illinois	21.0%	17.8% – 24.6%	545,523
Indiana	18.6%	15.2% – 22.6%	389,591
Iowa	13.2%	8.6% – 19.8%	106,798
Kansas	16.0%	11.5% – 22.0%	152,230
Kentucky	17.9%	14.2% – 22.3%	290,328
Louisiana	15.5%	11.4% – 20.8%	181,397
Maine	11.6%	6.5% – 19.7%	45,807
Maryland	22.0%	16.7% – 28.4%	225,315
Massachusetts	21.8%	16.2% – 28.8%	191,394
Michigan	14.7%	12.0% – 17.8%	399,498
Minnesota	15.5%	11.6% – 20.6%	219,976
Mississippi	20.2%	14.8% – 27.0%	181,757
Missouri	17.0%	13.6% – 20.9%	321,724
Montana	19.3%	11.0% – 31.6%	79,477
Nebraska	14.1%	8.6% – 22.5%	76,938
Nevada	27.4%	20.8% – 35.2%	254,098
New Hampshire	19.3%	11.0% – 31.6%	51,771
New Jersey	23.6%	19.1% – 28.7%	316,300
New Mexico	18.0%	10.3% – 29.7%	99,583
New York	30.9%	28.1% – 33.8%	1,075,251
North Carolina	16.8%	14.0% – 20.0%	519,132
North Dakota	11.1%	2.8% – 35.2%	27,628
Ohio	15.4%	12.9% – 18.3%	474,781
Oklahoma	19.4%	15.2% – 24.5%	238,152
Oregon	20.4%	15.4% – 26.5%	264,117
Pennsylvania	15.6%	13.1% – 18.5%	480,448
Rhode Island	18.4%	9.0% – 33.9%	26,626
South Carolina	19.1%	15.3% – 23.6%	318,316
South Dakota	26.5%	18.7% – 36.1%	70,121
Tennessee	16.5%	13.4% – 20.2%	381,703
Texas	23.5%	21.2% – 25.9%	1,851,576
Utah	13.7%	8.7% – 21.0%	136,167
Virginia	18.6%	15.1% – 22.7%	381,978
Washington	24.3%	20.1% – 29.2%	481,081
West Virginia	14.9%	10.4% – 20.9%	112,940
Wisconsin	11.4%	8.3% – 15.5%	173,653
Wyoming	35.6%	25.5% – 47.2%	68,321
Overall Proportion	20.2%	19.6% – 20.8%	Total 16,473,381

Table 9: Percent of gun owners who indicated that they have ever owned rifle magazines that hold more than 20 rounds by state. Note that this includes magazines that an owner holds in other states if there are local ownership restrictions.

State	Owned 31+ rd rifle mags	95% Confidence Interval	Estimated # of owners
Alabama	12.4%	9.2% – 16.5%	188,616
Alaska	14.6%	7.4% – 26.5%	26,838
Arizona	13.8%	10.5% – 17.9%	254,709
Arkansas	13.8%	9.8% – 19.1%	117,937
California	17.6%	15.6% – 19.8%	1,370,511
Colorado	13.1%	9.5% – 17.8%	201,031
Connecticut	7.8%	4.2% – 13.8%	44,441
Delaware	7.6%	3.5% – 15.9%	14,673
District of Columbia	19.2%	8.2% – 38.7%	26,806
Florida	12.2%	10.4% – 14.3%	647,172
Georgia	15.0%	12.5% – 17.9%	455,762
Hawaii	25.9%	12.9% – 45.3%	47,246
Idaho	7.6%	4.0% – 13.9%	56,711
Illinois	13.7%	11.1% – 16.8%	355,776
Indiana	10.6%	8.0% – 13.9%	221,919
Iowa	6.3%	3.3% – 11.6%	50,589
Kansas	9.1%	5.7% – 14.1%	86,264
Kentucky	11.7%	8.7% – 15.6%	190,379
Louisiana	9.9%	6.7% – 14.5%	115,893
Maine	5.3%	2.2% – 12.0%	20,821
Maryland	12.6%	8.6% – 18.1%	128,752
Massachusetts	13.9%	9.4% – 20.1%	122,280
Michigan	9.3%	7.2% – 11.9%	252,064
Minnesota	9.2%	6.2% – 13.4%	129,729
Mississippi	10.1%	6.4% – 15.7%	90,878
Missouri	10.1%	7.5% – 13.4%	191,170
Montana	7.0%	2.7% – 17.3%	28,901
Nebraska	7.1%	3.4% – 14.1%	38,469
Nevada	12.3%	7.9% – 18.7%	114,344
New Hampshire	8.8%	3.7% – 19.4%	23,532
New Jersey	15.3%	11.6% – 19.8%	204,927
New Mexico	8.2%	3.5% – 18.2%	45,265
New York	23.1%	20.5% – 25.8%	802,947
North Carolina	9.5%	7.4% – 12.1%	293,651
North Dakota	11.1%	2.8% – 35.2%	27,628
Ohio	7.9%	6.1% – 10.2%	244,046
Oklahoma	8.6%	5.9% – 12.6%	105,845
Oregon	10.0%	6.5% – 14.9%	128,838
Pennsylvania	9.5%	7.6% – 11.9%	292,637
Rhode Island	15.8%	7.3% – 31.0%	22,822
South Carolina	10.4%	7.6% – 14.1%	173,627
South Dakota	13.3%	7.9% – 21.5%	35,060
Tennessee	9.7%	7.3% – 12.8%	223,932
Texas	15.3%	13.4% – 17.5%	1,210,893
Utah	6.5%	3.3% – 12.4%	64,079
Virginia	11.9%	9.1% – 15.4%	244,466
Washington	13.4%	10.1% – 17.4%	264,008
West Virginia	8.3%	5.1% – 13.3%	62,744
Wisconsin	7.2%	4.8% – 10.6%	109,153
Wyoming	26.0%	17.3% – 37.3%	49,927
Overall Proportion	12.6%	12.1% – 13.1%	Total 10,220,706

Table 10: Percent of gun owners who indicated that they have ever owned rifle magazines that hold more than 30 rounds by state. Note that this includes magazines that an owner holds in other states if there are local ownership restrictions.

have been owned respondents who indicated that they have owned 11+ round magazines: 10 rounds or less (3.1 magazines), 11-15 rounds (2.5 magazines), more than 15 rounds (4.4 magazines). In sum, the average respondent (who indicated that they have owned a magazine that holds more than 10 rounds), owns about 10 handgun magazines, and more than two-thirds of these magazines hold more than 10 rounds.

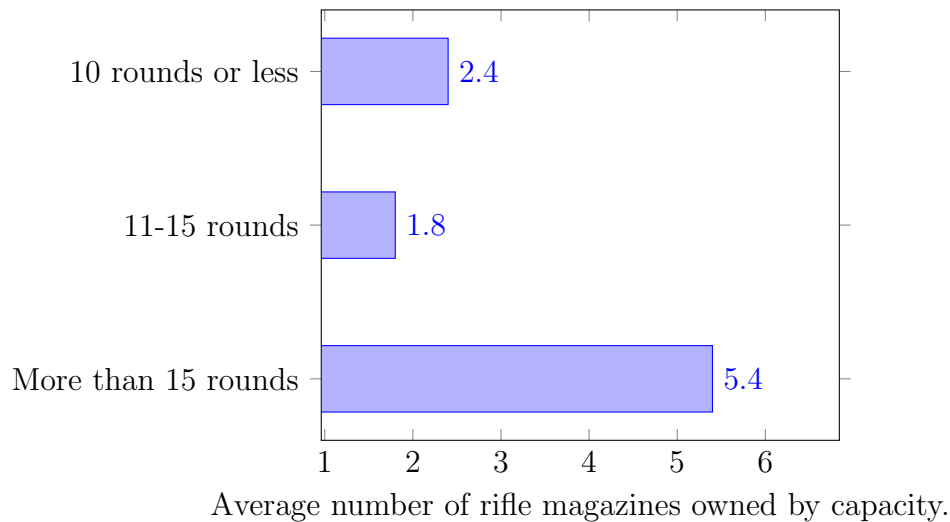


Figure 3: Among the 48.0% of gun owners who have owned 11+ round magazines, average number of rifle magazines of different types owned.

Figure 3 shows the average number of rifle magazines of each type reported to have been owned respondents who indicated that they have owned 11+ round magazines: 10 rounds or less (2.4 magazines), 11-15 rounds (1.8 magazines), over 15 rounds (5.4 magazines). In sum, the average respondent (who indicated that they have owned a magazine that holds more than 10 rounds), owns about 9.6 rifle magazines, and about three-quarters of these magazines hold more than 10 rounds.

Table 11 reports the percentage of 11+ round magazine owners who report having owned such magazines for defensive purposes by state. The second column expresses this as a percentage of firearms owners overall, while the third column indicates the total number of individuals in each state who indicate that they have owned 11+ round magazines for defensive purposes. In total, the survey results suggest that about 28 million individuals have owned 11+ round magazines for defensive purposes. Table 12 narrows this analysis to

State	% owning 11+ cap mags who indicate owning for defensive purposes	% of gun owners who owned 11+ cap mags for defensive purposes	Estimated # of such owners
Alabama	75.5%	36.3%	551,703
Alaska	58.6%	30.9%	57,031
Arizona	71.0%	33.7%	623,223
Arkansas	67.3%	34.1%	290,911
California	66.3%	35.6%	2,778,062
Colorado	66.9%	34.4%	526,228
Connecticut	63.6%	27.1%	155,543
Delaware	72.5%	36.7%	70,919
District of Columbia	44.4%	30.8%	42,890
Florida	70.5%	33.0%	1,749,761
Georgia	73.7%	38.7%	1,177,762
Hawaii	68.8%	40.7%	74,244
Idaho	75.9%	34.5%	258,351
Illinois	72.3%	37.2%	967,710
Indiana	75.6%	35.1%	734,799
Iowa	68.6%	24.3%	196,733
Kansas	76.0%	32.1%	304,460
Kentucky	80.5%	35.2%	571,137
Louisiana	80.0%	37.9%	443,415
Maine	75.0%	28.4%	112,436
Maryland	66.0%	33.5%	343,338
Massachusetts	73.9%	39.4%	345,573
Michigan	75.0%	27.8%	756,192
Minnesota	65.0%	25.9%	366,626
Mississippi	70.7%	31.5%	283,327
Missouri	72.3%	36.6%	694,738
Montana	63.3%	33.3%	137,278
Nebraska	57.8%	26.3%	142,885
Nevada	84.3%	51.4%	476,434
New Hampshire	76.0%	33.3%	89,422
New Jersey	66.2%	34.6%	463,312
New Mexico	86.7%	42.6%	235,378
New York	60.8%	33.4%	1,162,528
North Carolina	73.8%	32.4%	1,001,559
North Dakota	75.0%	33.3%	82,883
Ohio	74.2%	31.2%	958,436
Oklahoma	68.9%	32.7%	401,330
Oregon	75.0%	37.3%	483,141
Pennsylvania	77.8%	30.8%	947,793
Rhode Island	85.7%	47.4%	68,467
South Carolina	77.0%	32.9%	549,818
South Dakota	67.4%	33.7%	88,999
Tennessee	75.5%	33.3%	768,496
Texas	71.3%	38.6%	3,043,248
Utah	70.7%	33.1%	328,403
Virginia	71.9%	34.2%	702,839
Washington	66.5%	35.3%	698,154
West Virginia	77.8%	34.8%	263,526
Wisconsin	67.0%	22.5%	342,345
Wyoming	63.0%	39.7%	76,204
Total	71.0%	34.1%	27,989,990

Table 11: Percent of those who have owned 11+ capacity magazines who indicated that they have owned these types of magazines for defensive purposes (Home Defense or Defense Outside the Home). Estimated number of such owners and the percentage of gun owners that they represent are also reported.

State	% owning 16+ cap mags who indicate owning mags for defensive purposes	% of gun owners who owned 16+ cap mags & indicated defensive purposes	Estimated # of such owners
Alabama	80.2%	22.7%	344,225
Alaska	78.6%	20.0%	36,902
Arizona	77.3%	22.0%	406,450
Arkansas	77.3%	23.5%	200,492
California	70.8%	23.2%	1,808,827
Colorado	68.8%	21.2%	325,197
Connecticut	93.1%	20.9%	119,990
Delaware	87.5%	17.7%	34,237
District of Columbia	71.4%	19.2%	26,806
Florida	73.5%	21.8%	1,155,321
Georgia	78.6%	26.1%	794,199
Hawaii	72.7%	29.6%	53,996
Idaho	73.5%	21.0%	157,531
Illinois	77.4%	23.7%	616,678
Indiana	77.4%	22.6%	473,427
Iowa	70.4%	13.2%	106,798
Kansas	77.4%	21.9%	208,048
Kentucky	91.8%	26.1%	423,593
Louisiana	89.4%	25.4%	297,290
Maine	94.1%	16.8%	66,629
Maryland	76.7%	24.1%	246,774
Massachusetts	84.9%	27.3%	239,243
Michigan	76.7%	17.3%	470,837
Minnesota	72.1%	17.5%	248,178
Mississippi	73.9%	20.2%	181,757
Missouri	74.1%	19.7%	373,014
Montana	75.0%	21.1%	86,702
Nebraska	59.1%	13.1%	71,443
Nevada	83.6%	31.5%	292,213
New Hampshire	73.7%	24.6%	65,890
New Jersey	66.0%	20.6%	276,205
New Mexico	79.0%	24.6%	135,795
New York	63.1%	24.1%	841,349
North Carolina	83.4%	22.2%	686,933
North Dakota	100.0%	22.2%	55,255
Ohio	81.1%	19.8%	607,897
Oklahoma	73.2%	21.6%	264,613
Oregon	81.7%	24.4%	315,652
Pennsylvania	86.1%	21.0%	646,421
Rhode Island	100.0%	34.2%	49,448
South Carolina	80.7%	20.5%	342,431
South Dakota	75.8%	25.5%	67,424
Tennessee	79.7%	21.6%	498,759
Texas	74.6%	25.5%	2,011,747
Utah	75.0%	21.8%	216,265
Virginia	77.1%	23.3%	478,746
Washington	64.2%	23.4%	463,480
West Virginia	81.0%	18.8%	142,221
Wisconsin	70.0%	13.7%	208,384
Wyoming	69.7%	31.5%	60,438
Total	75.6%	22.3%	18,302,149

Table 12: Percent of those who have owned 16+ capacity magazines who indicated that they have owned 11+ rd magazines for defensive purposes (Home Defense or Defense Outside the Home). Estimated number of such owners and the percentage of gun owners that they represent are also reported.

State	Owners of	Handgun mags owned		Rifle mags owned	
	11+ cap mag	11-15 cap	16 + cap	11-15 cap	16 + cap
Alabama	730,889	2,141,504	3,435,178	1,359,453	3,902,947
Alaska	97,287	365,801	959,254	245,164	752,032
Arizona	877,932	2,581,120	3,854,122	1,659,292	6,628,387
Arkansas	432,435	1,037,843	2,395,688	674,598	2,291,904
California	4,191,788	10,521,387	26,324,427	8,844,672	26,869,360
Colorado	786,385	1,682,864	3,019,719	1,384,038	3,994,837
Connecticut	244,425	549,955	1,080,357	684,389	2,031,169
Delaware	97,819	171,183	313,020	90,971	399,100
Dist of Columbia	96,502	112,907	380,217	128,347	542,340
Florida	2,483,223	5,934,902	11,199,334	4,817,452	14,303,362
Georgia	1,597,423	3,578,229	7,364,122	3,194,847	9,552,592
Hawaii	107,991	215,982	446,003	188,984	566,953
Idaho	340,268	826,850	979,971	398,113	1,575,439
Illinois	1,337,716	3,357,668	4,855,910	1,832,671	6,019,723
Indiana	971,512	2,263,624	3,244,852	1,593,280	4,449,527
Iowa	286,668	679,404	1,456,276	516,003	2,580,016
Kansas	400,873	833,815	1,058,304	440,960	978,129
Kentucky	709,162	1,475,056	1,858,004	1,326,132	3,978,397
Louisiana	554,269	1,413,387	2,765,804	853,575	3,259,104
Maine	149,915	161,908	166,405	161,908	353,799
Maryland	520,371	1,483,058	2,851,635	1,160,428	3,580,154
Massachusetts	467,853	1,197,703	2,867,938	828,099	3,289,005
Michigan	1,008,257	1,925,770	3,639,807	1,431,724	4,547,238
Minnesota	564,040	1,816,208	1,934,657	1,381,898	4,094,929
Mississippi	400,934	1,407,280	1,094,551	493,149	2,341,457
Missouri	960,510	2,017,072	3,064,028	1,546,422	4,985,048
Montana	216,754	318,628	708,786	374,985	1,473,928
Nebraska	247,302	257,194	296,762	252,248	464,927
Nevada	565,368	1,571,724	1,662,183	881,974	2,391,508
New Hampshire	117,661	404,754	244,735	70,597	334,157
New Jersey	699,423	1,601,679	3,035,497	1,538,731	3,532,087
New Mexico	271,590	507,874	361,215	271,590	616,510
New York	1,913,109	3,960,135	9,622,936	3,596,644	10,656,015
North Carolina	1,358,135	3,476,825	3,992,916	1,847,063	5,975,792
North Dakota	110,510	745,943	263,014	331,530	234,281
Ohio	1,291,226	3,215,153	7,243,779	2,246,734	7,308,340
Oklahoma	582,149	1,758,090	2,468,312	884,867	4,261,332
Oregon	644,189	1,178,865	1,842,379	637,747	2,248,218
Pennsylvania	1,218,592	3,887,307	4,825,623	2,449,369	7,433,409
Rhode Island	79,878	250,818	517,611	68,695	563,142
South Carolina	713,799	2,205,640	2,862,335	892,249	3,026,509
South Dakota	132,151	318,483	603,928	277,516	971,307
Tennessee	1,017,875	2,900,943	3,002,731	2,208,789	5,873,138
Texas	4,266,955	10,966,074	18,091,888	7,083,145	21,206,765
Utah	464,570	1,207,881	1,477,332	585,358	1,426,229
Virginia	977,863	2,767,354	4,185,256	1,779,711	5,700,944
Washington	1,050,164	2,635,912	5,502,859	1,921,800	5,660,384
West Virginia	338,820	911,425	2,127,788	670,863	2,205,716
Wisconsin	511,036	899,424	1,778,406	546,809	2,049,255
Wyoming	120,876	317,903	950,082	228,455	1,006,893
Total	39,326,441	98,018,509	170,277,932	68,884,040	214,487,735

Table 13: Breakdown of magazine ownership by state and capacity of magazine. Note that owners may keep magazines in other states if there are local ownership restrictions.

consider only those who have owned 16+ round magazines and indicated that they owned 11+ round magazines for a defensive purpose. In total, these results suggest that over 18 million individuals have owned 16+ round magazines for defensive purposes.

Finally, Table 13 reports estimates of the number of individuals who have owned 11+ round capacity magazines by state along with estimates of the number of handgun and rifle

magazines owned that hold 11-15 rounds and 16+ rounds. Overall, firearms owners in the U.S. have owned approximately 98 million handgun magazines that hold 11-15 rounds, 170 million handgun magazines that hold more than 15 rounds, 69 million rifle magazines that hold 11-15 rounds, and 214 million rifle magazines that hold more than 15 rounds.

4 Conclusion

This report draws on 2021 National Firearms Survey data to examine magazine ownership and use across states and demographic groups. About half (48%) of firearms owners (39 million individuals) have owned magazines that hold more than 10 rounds, and 71% of such owners indicate that they have owned such magazines for defensive purposes (Home Defense or Defense Outside the Home). Ownership of rifle and handgun magazines that hold more than 10 rounds is widespread across different demographic groups. Moreover, while there is modest variation in ownership rates across states, the data suggests a strong revealed preference for magazines that hold 11-15 and 16+ rounds across residents of all states. Overall, the survey data implies that 31.9% of firearm owners (~26 million individuals) have owned handgun magazines that hold 11-15 rounds, 21.6% (~18 million) have owned handgun magazines that hold 16+ rounds, 14.5% (~12 million) have owned handgun magazines that hold 21+ rounds, 10.6% (~9 Million), have owned handgun magazines that hold 31+ rounds, 22.2% of firearm owners (~18 million) have owned rifle magazines that hold 11-15 rounds, 24.8% (~20 million) have owned rifle magazines that hold 16+ rounds, 20.2% (~16 million) have owned rifle magazines that hold 21+ rounds, and 12.6% (~10 Million), have owned rifle magazines that hold 31+ rounds.

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